

# **HLA Typing for Transplant Market by Technology (PCR (SSO, SSP, Real Time), Sequencing (NGS, Sanger)), Product (Instrument, Kits, Software), Application (Antibody Screening), Type (Organ Transplant, Tissue), End User, and Region - Global Forecast to 2028**

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## **Abstracts**

The global HLA typing for the transplants market is expected to reach USD 1.1 billion by 2028 from USD 0.8 billion in 2023, at a CAGR of 6.3%. Rising technological advancements in the field of HLA typing, increasing demand for transplantation, rising initiatives by the government to boost the organ donation, and increasing research activities in field of HLA typing to support the market growth.

“The independent reference laboratories segment accounted for the largest share of the HLA typing for transplants market, by end-user, in 2022.”

Based on end user, the HLA typing for transplants market is segmented into hospitals & transplant centers, independent reference laboratories, and research laboratories & academic institutes. In 2022, independent reference laboratories accounted for the largest share of the HLA typing for transplants . This is attributed the growing preference of diagnostic laboratories to outsource the HLA typing services by biotechnology companies, presence of high resolution molecular technology , and increasing collaboration among reference laboratories and transplant centers

“The molecular assay technologies segment accounted for the largest share of the HLA typing for transplants market, by technology, in 2022.”

The HLA typing for transplants market, by technology, is segmented into non-molecular and molecular assay technologies. In 2022, the molecular assay technologies segment accounted for the largest share of the HLA typing for transplants market. This is attributed to the strong adoption of molecular technology for HLA typing among end user setting and strong focus of manufacturers towards the development of high resolution assays for the molecular technologies

“North America accounted for the largest share of the HLA typing for transplants market in 2022.”

North America accounted for the largest share of the HLA typing for transplants market in 2022, followed by Europe. This can primarily be availability of advanced diagnostic technology, increased presence of manufacturers, and well established healthcare infrastructure.

Additionally, presence of prominent biotechnology companies engaged in the research of new HLA alleles, increasing transplantation rates, and favorable reimbursement policy to support the growth of market in the region

Breakdown of supply-side primary interviews:

By Company Type: Tier 1 (48%), Tier 2 (36%), and Tier 3 (16%)

By Designation: C-level (10%), Director-level (14%), and Others (76%)

By Region: North America (40%), Europe (32%), APAC (20%), Latin America (5%) and MEA (3%)

Some of the prominent players in the HLA typing for transplants market are Thermo Fisher Scientific, Inc. (US), QIAGEN (Germany), Illumina (US), CareDx, Inc. (US), Immucor, Inc. (US), Bio-Rad Laboratories, Inc. (US), F. Hoffman-La Roche Ltd. (Switzerland), Hologic, Inc. (US), Luminex Corporation(US)

## Research Coverage

This report studies the HLA typing for transplants market based on product& service, technology, transplant type, application, end-user, and region. It studies major factors (such as drivers and restraints) affecting market growth. The report also analyzes

opportunities and challenges in the market for stakeholders and provides details of the competitive landscape for market leaders. It the the with respect to their individual growth trends, prospects, and contributions to the total market. The report forecasts the revenue of market segments with respect to five major regions and their respective major countries.

### Reasons to Buy the Report

The report will enable established firms as well as entrants/smaller firms to gauge the pulse of the market, which, in turn, would help them to garner a larger market share. Firms purchasing the report could use one or a combination of the below-mentioned strategies to strengthen their market presence.

This report provides insights on the following pointers:

Analysis of key drivers ( increasing transplantation rates, growing technological advancements, increasing government initiatives to boost HLA typing services in transplantation) restraints (high cost of molecular test use in HLA typing procedures), opportunities (technological shift from non-molecular serological assay to molecular assay, high growth offered by emerging markets), and challenges (Significant gap between number of organ donors and transplant recipients) influencing the growth of HLA typing for transplant market

Market Penetration: Comprehensive information on the product portfolios offered by the top players in the HLA typing for transplant market

Product Development/Innovation: Detailed insights on the upcoming trends, R&D activities, and product launches in the HLA typing for transplant market

Market Development: Comprehensive information on lucrative emerging regions

Market Diversification: Exhaustive information about new products, growing geographies, and recent developments in the HLA typing for transplant market

Competitive Assessment: In-depth assessment of market segments, growth strategies, revenue analysis, and products of the leading market players.

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\*Details on Business Overview, Products Offered, Recent Developments, MnM View, Right to win, Strategic choices made, Weaknesses and competitive threats might not be captured in case of unlisted companies.

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